

Converting Colors

$Yxy(34.6270, 0.3974, 0.3661)$

Have a look what the booklet for
Yxy(34.6270, 0.3974, 0.3661)
contains.

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Color

Yxy(34.6780, 0.3964, 0.3662)

Conversions

Conversions Part 1

Format	Color
Hex	C79478
RGB	199, 148, 120
RGB Percent	78%, 58%, 47%
CMY	0.2195, 0.4196, 0.5294
CMYK	0.00, 0.26, 0.40, 0.22
HSL	21°, 41%, 63%
HSV	21°, 40%, 78%
XYZ	37.5378, 34.6780, 22.4810
YIQ	160.0570, 39.3840, 2.1040

Conversions

Conversions Part 2

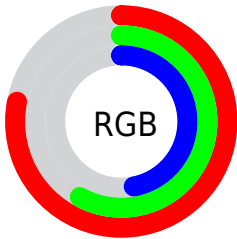
Format	Color
R_{YB}	199, 163, 120
Decimal	13079672
CIE _{Lab}	65.50, 15.56, 22.30
CIE _{LCh}	65, 27.196, 55.095
Yxy	34.6780, 0.3964, 0.3662
Android (android.graphics.Color)	4291269752 (0xFFC79478)
YUV	160.0570, -19.7481, 34.1530
Hunter-Lab	58.8880, 10.7298, 18.5871

Details

The Yxy color **34.6780, 0.3964, 0.3662** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.2512, 0.2521, 0.2879**, and the grayscale version is **35.2618, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4796, 0.3784, 0.3604**, and **14.8440, 0.4235, 0.3755** is the 20% darker color. If you saturate the color by 10%, you get **30.4357, 0.4259, 0.3752**, and if you desaturate by 10%, it is **39.4717, 0.3704, 0.3566**.

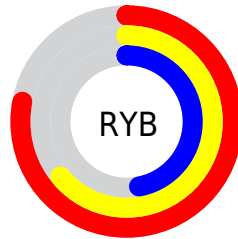
Distribution



Red (78%)

Green (58%)

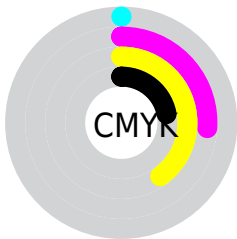
Blue (47%)



Red (78%)

Yellow (64%)

Blue (47%)

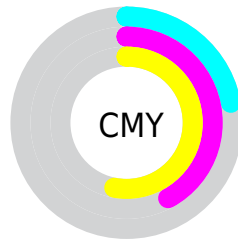


Cyan (0%)

Magenta (26%)

Yellow (40%)

Black (22%)



Cyan (22%)


Magenta (42%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.6780, 0.3964, 0.3662 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 34.6780, 0.3964, 0.3662 by changing the saturation by 10% instead.


 34.6780, 0.3964,
0.3662


 34.6780, 0.3964,
0.3662


323.1448, 0.3522,
0.3482


 23.4149, 0.4081,
0.3704


 66.9866, 0.3798,
0.3599

 14.9002, 0.4234,
0.3754


 88.8010, 0.3738,
0.3574

 8.7494, 0.4442,
0.3814


 114.9013, 0.3687,
0.3553

 4.5781, 0.4739,
0.3882

145.6718, 0.3644,
0.3535

 2.0019, 0.5328,
0.4048

181.4970, 0.3607,
0.3519

 0.6086, 0.6130,
0.3870

222.7613, 0.3575,

 0.0000, 0.0000,

0.3505

0.0000

269.8491, 0.3547,
0.3493

■ 34.6780, 0.3964,
0.3662

■ 34.6780, 0.3964,
0.3662

■ 30.4357, 0.4259,
0.3752

■ 39.4717, 0.3704,
0.3566

■ 26.7188, 0.4584,
0.3827

■ 44.8314, 0.3479,
0.3469

■ 23.5069, 0.4927,
0.3874


■ 50.7773, 0.3287,
0.3375

■ 20.7757, 0.5266,
0.3881


■ 57.3271, 0.3123,
0.3288

■ 18.4985, 0.5571,
0.3839


■ 64.4977, 0.2983,
0.3206

 16.6395, 0.5824,
0.3755

 72.3054, 0.2865,
0.3131

 16.5912, 0.5831,
0.3752

 80.4851, 0.2787,
0.3108

 88.2350, 0.2797,
0.3245

 90.8856, 0.2800,
0.3289

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.6780, 0.3874, 0.3326



34.6780, 0.3964, 0.3662



34.6780, 0.3814, 0.3934

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.6780, 0.3964, 0.3662



34.6780, 0.2685, 0.3594



34.6780, 0.2745, 0.2621

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



34.6780, 0.3964, 0.3662



37.2512, 0.2521, 0.2879

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



34.6780, 0.2465, 0.2646



34.6780, 0.3964, 0.3662



34.6780, 0.2431, 0.3181

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.6780, 0.3964, 0.3662



34.6780, 0.3066, 0.3927



34.6780, 0.2355, 0.2838



34.6780, 0.3145, 0.2751

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.6780, 0.3964, 0.3662



34.6780, 0.3606, 0.4033



34.6780, 0.2355, 0.2838



34.6780, 0.2635, 0.2611

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



34.6797, 0.3964, 0.3662



86.2191, 0.3331, 0.3398



28.5305, 0.3473, 0.2631



18.1536, 0.3356, 0.3410



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.6797, 0.3964, 0.3662



53.9810, 0.4228, 0.3744



49.1145, 0.3769, 0.4136



11.2416, 0.3281, 0.3372



10.8162, 0.5806, 0.3772



0.6487, 0.5403, 0.4092

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



37.2512, 0.2521, 0.2879



59.0766, 0.2394, 0.2767



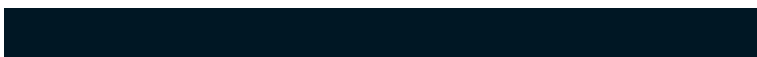
24.5780, 0.2428, 0.2270



11.4107, 0.2984, 0.3206



12.8311, 0.1916, 0.2098



0.7404, 0.1993, 0.2375

Previews

White Background



This preview shows how the Yxy color 34.6780, 0.3964, 0.3662 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 34.6780, 0.3964, 0.3662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

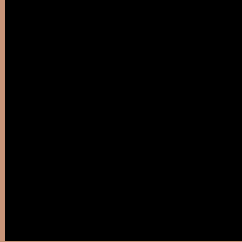
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.6780, 0.3964, 0.3662

Background



This preview shows how black text looks on a background with the Yxy color 34.6780, 0.3964, 0.3662.



This preview shows how white text looks on a background with the Yxy color 34.6780, 0.3964, 0.3662.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

34.6780, 0.3964, 0.3662

Protanopia

34.8230, 0.3556, 0.3789

Deuteranopia

34.8057, 0.3831, 0.3760



Tritanopia

34.5346, 0.3648, 0.3149

Trichromacy



Original Color

34.6780, 0.3964, 0.3662

Protanomaly

34.6965, 0.3707, 0.3744

Deuteranomaly

34.6716, 0.3883, 0.3726

Tritanomaly

34.6213, 0.3762, 0.3331

Monochromacy



Original Color

34.6780, 0.3964, 0.3662

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.8199, 0.3412, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6780, 0.3964, 0.3662 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(199, 148, 120)` looks like.

```
.text, #text, p{  
    color:rgb(199, 148, 120)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(199, 148, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 148, 120) }
```

Border

The CSS property to change the border of an element to Yxy 34.6780, 0.3964, 0.3662 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 148, 120) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(199, 148, 120) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(199, 148, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 148, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 148, 120);  
box-shadow:4px 4px 4px 4px rgb(199, 148,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6780, 0.3964, 0.3662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 148, 120) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(199,  
148, 120) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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